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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant(s): Ron Karim  
Assignee: Sun Microsystems, Inc.  
Title: METHOD AND APPARATUS FOR BROADCASTING WORLD WIDE WEB  
CONTENT  
Serial No.: 10/052,067 Filed: January 18, 2002  
Examiner: John A. Follansbee Group Art Unit: 2154  
Docket No.: P-6993

Menlo Park, CA

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REVOCATION AND SUBSTITUTION  
OF POWER OF ATTORNEY UNDER 37 C.F.R. §1.36**

Sir:

Pursuant to 37 C.F.R. §1.36, Sun Microsystems, Inc., the record owner of the above-identified patent application, revokes all previous powers of attorney and hereby appoints the following attorneys and/or agents assigned to the below Customer Number to prosecute this application and transact all business in the U.S. Patent and Trademark Office connected therewith:

Customer Number 24209

Please direct all correspondence and telephone calls concerning this application to:

Forrest Gunnison  
Gunnison, McKay & Hodgson, L.L.P.  
1900 Garden Road, Suite 220  
Monterey, CA 93940  
Telephone: (831) 655-0880  
Fax: (831) 655-0888

GUNNISON, McKAY &  
HODGSON, L.L.P.  
1900 Garden Road, Suite 220  
Monterey, California 93940  
Tel. 831-655-0880  
Fax 831-655-0888

The undersigned representative of the above-identified assignee certifies that the above-identified assignee is the assignee of the entire right, title and interest in the above-identified patent application by virtue of a chain of title from the inventor(s) of the above-identified patent application to the above-identified assignee.

An Assignment from the inventor(s) to Sun Microsystems, Inc. was recorded in the United States Patent and Trademark Office at Reel/Frame 012526/0942.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified assignee.

The undersigned hereby declares that all statements made herein of the undersigned's own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature: 

Date: Nov. 22, 2004

Name: Joseph Twarowski  
Title: Senior Patent Counsel  
Sun Microsystems, Inc.